

# CLIMATOLOGY

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Project title: **Temperature Variability in the Western U.S. since AD 1000 from Tree Rings**

Principal investigator: Peter Brown  
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Additional investigators: Malcolm Hughes, Connie Woodhouse

Objective: Collect high-elevation old-age trees in Yellowstone NP for reconstruction of temperature patterns over the past millennium. This study is funded by NSF to develop chronologies over the northern Rockies and Cascades.

Findings: Collections at Craig and Sylvan Passes did not find trees of sufficient ages for the purposes of our study. Cores collected in these spots will be archived with others collected as part of the larger study.

Project title: **Snow Pack on Northern Range**  
Principal investigator: Phillip Farnes  
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Objective: Compare snow variation with plant and animal responses.

Findings: Plants, animals, and fish respond to weather conditions more than they do to time periods and responses are predictable.